

Annual Reports

OF THE

Medical Officer of Health

AND THE

Inspector of Nuisances

TO THE


Cannock Rural District Council

For the Year 1910.



CANNOCK :

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Cannock Rural District Council.

—0—

Cheslyn Hay, Walsall,

February 15th, 1911.

*To the Chairman and Members of the Cannock
Rural District Council.*

GENTLEMEN,

I beg to present you my Annual Statement for 1910 upon the state of health of the district, the incidence and treatment of infectious disease, the mortality statistics, and the sanitary works carried out.

Estimates of Population.

Population
Estimates.

Brewood Sub-Registration District—

Bushbury	3900	Stretton	240
Brewood	2500	Teddesley	130
Penkridge	2460	Coppenhall	80
Lapley	730	Featherstone	40
Aeton and Bednall	560	Kinvaston	20
Dunston	265	Total	10,925

An estimated increase of 35. An agricultural area; in Bushbury, skilled artizans and railway workers.

Cannock (Rural) Sub-Registration District—

Cheslyn Hay	3060	Hatherton	565
Essington	2200	Shareshill	375
Great Wyrley	1950	Saredon	375
Huntington	590	Hilton	75
Total	9,190		

An estimated increase of 260. Miners; edge tool workmen; workers in tile yards; labourers.

Entire District Estimate	...	...	20,115
Increase for Year...	295

Births in the Year—

Births.

Males	257	Females	249	Total	506
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General Birth Rate ... 25.15 per thousand.

1909	25.60 per 1000	1904	28 per 1000
1908	27.75 „	1903	33 „
1907	25.88 „	1902	33 „
1906	26 „	1901	30 „
1905	28 „	1900	31 „

Birth Rate in Rural Districts of Staffordshire in 1909, 26.2 per thousand.

Cannock (Rural)	Birth Rate in 1910...	30.1 per thousand
Ditto (s.r.d.)	ditto 1909...	27.9 "
Ditto ditto	ditto 1908..	32 "
Ditto ditto	ditto 1907...	30 "
Brewood ditto	ditto 1910...	20.9 "
Ditto ditto	ditto 1909...	23.6 "
Ditto ditto	ditto 1908...	24 "
Ditto ditto	ditto 1907...	22 "

A marked difference is to be noted in the Rates for the agricultural and mining parishes.

Deaths. Deaths in the Year—
Males ... 107 Females ... 108 Total ... 215

General Death Rate ...		10.68 per thousand	
1909 ...	12.15 per 1000	1904 ...	10 per 1000
1908 ...	12.24 "	1903 ...	13 "
1907 ...	10.79 "	1902 ...	13 "
1906 ...	10.2 "	1901 ...	13 "
1905 ...	12 ..	1900 ...	14 "

Rural Districts in Staffordshire—Death Rate in 1909, 13.5 per thousand.

Cannock (Rural)	Death Rate in 1910 ...	10.7 per 1000
Ditto (s.r.d.)	ditto 1909 ...	11.9 "
Ditto ditto	ditto 1908 ...	12.2 "
Ditto ditto	ditto 1907 ...	10.4 "
Brewood ditto	ditto 1910 ...	10.6 "
Ditto ditto	ditto 1909 ...	12.3 "
Ditto ditto	ditto 1908 ...	12.3 "
Ditto ditto	ditto 1907 ...	11.1 "

The Death Rate for 1910 in each district must be classified as satisfactory.

Quarterly Mortality.	Mortality as to time of Year—			
		Cannock.	Brewood.	Totals.
	First Quarter ...	33 ...	33 ...	66
	Second Quarter ...	26 ...	27 ...	53
	Third Quarter ...	21 ...	24 ...	45
	Fourth Quarter ...	19 ...	32 ...	51
		99	116	215

Percentage of Cannock (Rural)	Mortality under 1 Year ...	24 per cent.
Total Deaths. Ditto (s.r.d.)	ditto in 1909 ...	20 "
Brewood ditto	Mortality under 1 Year ...	16 "
Ditto ditto	ditto in 1909 ...	14.9 "
Cannock (Rural)	Mortality up to 5 Years ...	36 "
Ditto (s.r.d.)	ditto in 1909 ...	33 "
Brewood ditto	Mortality up to 5 Years ...	21 "
Ditto ditto	ditto in 1909 ...	25 "

Infant Death Rate ... 2.13 per thousand				Infant Death Rate.
1909...2.11 per 1000	1906...2.42	1903...2.95	1901...3.58	
1908...2.99	1905...2.75	1902...3.80	1900...3.89	
1907...2.40	1904...3.37			

A low Infant Death Rate. Infant Death Rate per 1,000 births: In 1910, 84; in 1909, 82; in 1908, 108; in 1907, 81.

Causes of Death in Infants—					
	1910	1909	1908	1907	1906
Zymotic Causes ...	2	11	3	4	4
Chest Causes ...	1	9	14	5	12
Nervous System ...	7	5	8	7	4
Debility Causes ...	22	10	25	17	19
Other Causes ...	11	7	9	8	8
	—	—	—	—	—
	43	42	59	41	47

Analysis of Causes of Deaths in Infants—				
		Cannock	Brewood	Totals
Measles ...	...	2	0	2
Pneumonia ...	...	1	0	1
Meningitis ...	...	2	0	2
Tubercular Meningitis ...	...	1	0	1
Convulsions ...	...	0	4	4
Premature Birth ...	...	2	7	9
Malnutrition ...	...	0	1	1
Marasmus ...	...	2	1	3
Atrophy ...	...	1	0	1
Immaturity ...	...	3	0	3
Tuber Mesenterica ...	...	4	0	4
Tuberculosis ...	...	1	0	1
Malformations ...	...	1	2	3
All other Causes ...	...	4	4	8
		—	—	—
		24	19	43

Analysis of Causes of Deaths in Children—1 Year to 5—					Causes of Deaths, 1 to 5 Years.
		Cannock	Brewood	Totals	
Whooping Cough ...	...	0	1	1	
Diarrhoea ...	...	0	1	1	
Measles ...	...	3	0	3	
Diphtheria ...	...	1	0	1	
Bronchitis ...	...	2	0	2	
Pneumonia ...	...	2	2	4	
Meningitis ...	...	2	0	2	
Tubercular Meningitis ...	...	0	1	1	
Dentition ...	...	0	1	1	
Enteritis ...	...	1	0	1	
All other Causes ...	...	1	0	1	
		—	—	—	
		12	6	18	

Over 65 years. Death Rate over 65 Years: In 1910, 3·13 per 1,000; in 1909, 4·18 per 1,000; in 1908, 4·1 per 1,000; in 1907, 3·5 per 1,000. Cannock (Rural) Sub-Registration District: In 1910, 2·5 per 1,000. Brewood Sub-Registration District: In 1910, 3·7 per 1,000.

Parish Death
Rates.

Parish Death Rate Table—

	1910	1909	1908	
Bushbury...	7·9	10	11·3	per 1000
Brewood ...	12	16	14·8	„
Penkridge ...	13·4	10	11·4	„
Lapley ...	10·9	14	14·8	„
Acton and Bednall ...	8·9	17	12·2	„
Cheslyn Hay ...	14·3	11	15·6	„
Essington...	10	12	11·5	„
Wyrley ...	4·6	10	9·6	„
Hatherton ...	12	10	9	„
Huntington ...	15	10	13·7	„
Shareshill ...	13	21	8	„

Average Rates for 3 Years—

Great Wyrley ...	...	8	per 1000
Bushbury ...	...	9·7	„
Hatherton ...	...	10·1	„
Essington ...	...	11	„
Penkridge ...	...	11·6	„
Acton and Bednall	...	12·7	„
Huntington ...	...	12·9	„
Lapley ...	...	13·2	„
Cheslyn Hay ...	...	13·6	„
Brewood ...	...	14	„
Shareshill ...	...	14	„

Infectious
Disease.

Mortality from Infectious Diseases—

	Cannock	Brewood	Totals
Diphtheria ...	2	0	2
Measles ...	6	0	6
Whooping Cough ...	0	1	1
Diarrhœa ...	0	1	1
	8	2	10

Zymotic Deaths in 1910, 10; 1909, 28; 1908, 13; 1907, 14; 1906, 12; 1905, 23; 1904, 20; 1903, 16; 1902, 19; 1901, 24.

It has been a very light year for such diseases. It will be remembered that in 1909, 17 of the 28 deaths were caused by Whooping Cough.

Zymotic Death Rate ... '49 per thousand

1909, 1'4; 1908, '66; 1907, '71; 1906, '61; 1905, 1'20; 1904, 1'1; 1903, '86; 1902, 1'04; 1901, 1'3.

Zymotic Death Rate in Staffordshire Rural Districts in 1909, '82 per thousand.

Distribution of Deaths—

Saredon	...	Diphtheria, 1.	
Huntington	...	Diphtheria, 1.	
Cheslyn Hay	...	Measles, 3.	
Essington	...	Measles, 3.	
Brewood	...	Whooping Cough, 1.	Diarrhoea, 1.
		Total	...
			10

General Causes of Deaths—

		Cannock	Brewood	Totals	General Causes of Death.
Zymotic Diseases	...	8	2	10	
Infantile Causes	...	13	17	30	
Bronchitis	...	5	6	11	
Pneumonia	...	7	7	14	
Phthisis	...	8	11	19	
Pleurisy	...	1	0	1	
Other Lung Diseases	...	2	0	2	
Liver Diseases	...	0	0	0	
Kidney Diseases	...	1	5	6	
Heart Diseases	...	6	12	18	
Brain Diseases	...	12	11	23	
Cancer	...	6	13	19	
Accident	...	7	6	13	
Old Age	...	10	12	22	
Tuberculosis	...	1	1	2	
Snicide	...	2	2	4	
Diabetes	...	0	1	1	
All other Diseases	...	10	10	20	
		<hr/>	<hr/>	<hr/>	
		99	116	215	

Convulsions returned under Infantile Causes.

Respiratory Death Rate ... 2'33 per thousand

In 1909, 2'8 per 1,000; 1908, 3'15 per 1,000; 1907, 2'10 per 1,000; 1906, 1'80 per 1,000; 1905, 2'38 per 1,000; 1904, 2'69 per 1,000.

Respiratory Death Rate.

Vaccination—

Vaccination.

The prevalence of Exemption is becoming a serious evil, affording a standing menace to the community at large. Such evil will only be brought home to the public by a severe attack of Smallpox. We nurse a fond delusion if we imagine we are free from the chances and prospects of a serious visitation.

Mr. Dakin's figures—Brewwood Sub-Registration District :—

Births.	Vaccinated.	Dead.	Exemptions.	Postponed.	Removals.
235	173	17	36	2	7

Mr. Spooner's figures—July, 1909, to July, 1910—Cannock (Rural) Sub-Registration District :—

Births.	Vaccinated.	Exemptions.	Dead.	In-susceptibles.	Postponed.	Removals.
289	173	97	11	1	1	6

Uncertified Deaths.

Causes of Uncertified Deaths—

Old Age (Penkridge); Convulsions (Penkridge); Apoplexy (Coppenhall).

Percentage of Total Deaths ... 1·4 per cent.

1909, 2·4 per cent.; 1908, ·82 per cent.; 1907, 1·89 per cent.; 1906, 2·5 per cent.; 1905, 2·7 per cent.; 1904, 2·4 per cent.; 1903, 5·4 per cent.

Sickness.

Notified New Cases of Sickness—

		1910	1909	1908	1907	1906	1905
Scarlet Fever	...	34	55	95	54	70	42
Diphtheria	...	5	6	3	10	8	10
Erysipelas	...	22	20	13	18	19	26
Enteric Fever	...	0	1	5	0	3	1
Puerperal Fever	...	0	1	1	0	2	0
Membranous Croup...	...	0	2	0	0	0	0
		61	85	117	82	102	79

School Closure.

Closure of Schools advised—

Huntington Schools—February 10th to March 7th—Diphtheria

Cheslyn Hay Council Schools (Infant Department)—June 27th to July 15th—Measles

Enteric Fever

Enteric Fever—

No case reported during the year.

Scarlet Fever.

Scarlet Fever—

Cases, 34; Deaths, 0; Houses Infected, 28; Removed to Hospital, 29; under 5 years, 9; over 5 years, 25.

Locality of the 34 Cases—

Brewood	...	13	Penkridge	...	2
Bushbury	...	6	Huntington	...	1
Essington	...	5	Bednall	...	1
Hatherton	...	3	Coppenhall	...	1
Lapley ...	...	2	Total	...	34

Scarlet Fever Cases in the District—

1907-8-9	...	204	Average per Annum	...	68
1904-5-6	...	149	"	"	49.2
1901-2-3	...	613	"	"	204.1
1898-9-00	...	371	"	"	123.2
1895-6-7	...	243	"	"	81
1892-3-4	...	340	"	"	113.1

Cases in 1910 ... 34

1890-96	...	788	Average per Annum	...	112
1897-1903	...	1183	"	"	169
1904-1910	...	387	"	"	55

The last period is the duration of the Isolation Hospital, and is a fairly conclusive argument that "isolation" is an effective instrument in checking Scarlet Fever.

Diphtheria—

Diphtheria.

Cases, 5; Deaths, 2; Houses Infected, 5; Removed, 5.
Locality: Huntington, 2; Saredon, 2; Penkridge, 1.

The sanitary arrangements in each case were carefully overhauled by the Inspector, especially in regard to water supply and drainage disposal.

I take this opportunity of correcting an error made in my Annual Report for 1909, in which I stated that Teddesley contributed 7 cases of Scarlet Fever. It should have been 1 case, the remaining 6 cases being assignable to Acton. These figures will be seen in their correct form in my summary given in my Hospital Report.

The Local Government Board, after an Enquiry at Penkridge, sanctioned the application by the Council for a Loan of £4,800, to defray the cost of laying water mains from the South Staffordshire Water Works Company's main at Pottal Pool to Penkridge. The Council advertised for tenders for carrying out the necessary Works, and accepted Messrs. Cockrane and Co.'s tender for the supply of water mains and fittings for £2,117 1s. 3d., and the tender of Mr. George Law for carting and laying the mains for £1,523 15s. 7d. The work is progressing satisfactorily. The Council applied to the Local Government Board to sanction a general scale of charges for the compulsory supply of water to houses in Penkridge which are without a proper supply. The application is under consideration by the Board.

Penkridge
Water Supply

The work of connecting the drains of the houses in the parish of Cheslyn Hay to the main sewer has been completed under the supervision of the Inspector of Nuisances.

Cheslyn Hay
Sewerage.

- Cheslyn Hay Naming Streets and Numbering Houses. The Council, under the power of Sections 64 and 65 of the Town Improvement Clauses Act, 1847, incorporated with the Public Health Act, 1875, provided and fixed name plates for all streets, and caused every house to be numbered in Cheslyn Hay.
- Ford Houses Connection to Sewers. The Council, with the approval of the Local Government Board, entered into an agreement with the Heath Town Urban District Council for permission to connect 12 houses in Bushbury to the Urban Council's sewers at Ford Houses, Bushbury, upon the annual payment of 5s. per house.
- Great Wyrley The Council have extended their main sewer along the Walsall Road, Wyrley.
- Cheslyn Hay Scavenging. The Council accepted the tender of Mr. John Lockett for the work of Public Scavenging in Cheslyn Hay for a period of 12 months for the sum of £108.
- Bushbury Scavenging. The Council renewed their contract with Mr. A. Tombs for the work of Public Scavenging in Bushbury for a further period of 12 months, at the same terms as heretofore, viz., £120.
- Showell Road Sewer. The Council laid a new sewer in Showell Road, Bushbury, at a cost of £359 17s. 9d.; the contract of Mr. J. Owens for the above amount being accepted by the Council.
- Bushbury Mortuary. The Council have now decided to bring this Mortuary up-to-date, having purchased a stretcher and ordered the installation of gas for lighting purposes.
- Bushbury (Scotlands) Sewerage. A Local Enquiry was held by the Local Government Board at Bushbury as to the application of the Council to borrow £1,960. Sanction was asked to the borrowing of £2,033 in lieu of £1,960, to defray the cost of Works of Sewerage for the parish of Bushbury (Scotlands portion), and to defray cost of sewer in Showell Road. The sewers to be connected to the present Oxley sewers. Sanction to £2,033 still under consideration.
- Brewood Sewerage. The Council have had under their consideration the question of the extension of sewer from Bridge Inn to Mr. Orton's houses in Kiddermore Green Road, Brewood. Plans and estimates of cost have been prepared, and were submitted to the Council, who decided to refer the question to the Brewood Parish Council for their consideration and report.
- Infectious Disease. The Council passed a Resolution that it was advisable to add Ophthalmia Neonatorum to the list of notifiable

Infectious Diseases under the Infectious Diseases Act, 1889. An application has been made to the Local Government Board to effect this.

Amongst the leading requirements in the future to Problems for complete the sanitary demands of the district we may the future. ennumerate:—(1) The provision of sewerage arrangements for Penkridge; (2) The supply of water for Brewood; (3) The sewerage and draining of Great Wyrley and Landywood; (4) Provisions for water and for drainage in some of the rural villages.

A very pronounced case of Tuberculous meat came Tuberculous under my observation in Scotlands, Bushbury, amid the Meat. most filthy and insanitary surroundings. The Council took stringent proceedings, which resulted in a conviction.

Twenty-four new houses have been erected in the New Houses. district during 1910:—Five in Wyrley; 5 in Cheslyn Hay; 5 in Brewood; 4 in Bushbury; 3 in Hatherton; and 2 in Penkridge. The drainage of all new houses is under the supervision of the Surveyor. Where the water has been obtained from wells, the water has to be analysed and certified as fit for drinking before the Water Certificate is granted.

No official representation was made to the Local Housing. Authority during the year under the Housing of the Working Classes Acts, but the Inspector had 4 houses voluntarily closed, 3 in Cheslyn Hay and 1 in Brewood, and 1 of the 3 in Cheslyn Hay has been demolished.

Brewood: From wells; many to be regarded with Water suspicion. Bushbury: From wells; in the more rural Supply. portions of the parish. Huntington: Partly from the South Staffordshire Water Works Company, partly from wells. Wheaton Aston: From wells. Hatherton: From wells. Shareshill: From wells.

The village of Shareshill is not satisfactory as far as Sewerage. the disposal of sewage is concerned.

The removal of refuse, except in Bushbury and Refuse. Cheslyn Hay, is done chiefly by the occupiers of the houses, and, considering the difficulties, is fairly well carried out, although the removal is done at irregular times and intervals, and accumulations are not infrequently found.

The schools at Wheaton Aston and at Huntington School were disinfected during the year after epidemic outbreaks. Disinfection.

Water Supply From wells in Bednall, Dunston, Wheaton Aston,
in Schools. Gailey, Coven, Brewood, Shareshill. Tap water in
 Bushbury, Cheslyn Hay, Penkridge, Wyrley, Landywood,
 Essington.

I beg to thank the Chairman of the Council, the Chairman of the Hospital Committee, the Members of the Council and of the Hospital Committee, the Clerk, the Surveyor, and the Inspector for their cordial co-operation and help during the year.

Yours respectfully, W. HOSEGOOD, M.B.,

Medical Officer of Health.

ANNUAL REPORT OF MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1910,

For the RURAL DISTRICT OF CANNOCK,

On the Administration of the Factory and Workshops Act, 1901.

INSPECTIONS:

Factories (including Factory Landdries)	...	1
Workshops (including Workshop Landdries)	...	44
Workplaces 	2
		<hr/>
		47

DEFECTS FOUND: FOUND REMEDIED

Want of Cleanliness	5	...	5
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HOME WORK:

Brush Making--Lists received from Employers, 1; Workmen, 1;
Inspections of Outworkers' Premises, 1.

REGISTERED WORKSHOPS:

Bakehouses 	18
Workshops 	49
Workplaces 	6—73

W. HOSEGOOD, M.B., Medical Officer of Health.

Isolation Hospital Report.

—O—

CHESLYN HAY, WALSALL.

MR. CHAIRMAN AND GENTLEMEN,

I beg to submit you my Report for 1910 on the work of the Isolation Hospital. In the total number of cases we have had a light year, but several of such have demanded protracted treatment, owing to complications such as Otorrhea, Nasal Discharges, Nephritis, and other kidney troubles; hence the time in the Hospital has been much longer than the average of recent years.

Patients admitted in 1909, and discharged in 1910.

Name	Parish	Age	Disease	Days in Hospital
Harriett Jones	... Gailey	... 8	Scarlet Fever	55
Mary Rhodes	... Gailey	... 8	Scarlet Fever	49
Tom Burnwell	... Hatherton	... 7	Scarlet Fever	50
William Cort	... Bushbury	... 6	Scarlet Fever	48
John Cort	... Bushbury	... 2	Scarlet Fever	48

Patients admitted and discharged in 1910.

Marjory Palmer	... Essington	... 7	Scarlet Fever	55
William Till	... Bednall	... 15	Scarlet Fever	48
Annie Tolley	... Essington	... 7	Scarlet Fever	53
Kate Handy	... Essington	... 8	Scarlet Fever	41
Gladys Babb	... Huntington	... 5	Diphtheria	1*
Mary Clifford	... Essington	... 38	Scarlet Fever	50
Flora Clifford	... Essington	... 8	Scarlet Fever	50
Lonisa Bridgewater	... Huntington	... 11	Diphtheria	49
Jeffrey Dawson	... Penkridge	... 3	Diphtheria	46
Fanny Tew	... Copenhall	... 13	Scarlet Fever	46
Harry Sayer	... Sarelon	... 13	Diphtheria	14*
Eleanor Wharmsby	... Sarelon	... 2½	Diphtheria	18
Fred Adams	... Hatherton	... 5	Scarlet Fever	95
Arthur Harrison	... Bushbury	... 3	Scarlet Fever	71
Arnold Clarke	... Penkridge	... 4	Scarlet Fever	90
Kate Price	... Brewood	... 15	Scarlet Fever	61
Frank Bill	... Brewood	... 7	Scarlet Fever	55
Sidney Evans	... Huntington	... 3	Scarlet Fever	56
Gwendolene Thompson	... Bushbury	... 5	Scarlet Fever	55
Nellie Kingston	... Bushbury	... 14	Scarlet Fever	53
Elizabeth Heath	... Brewood	... 5	Scarlet Fever	58
Emily Heath	... Brewood	... 2½	Scarlet Fever	58
Robert Heath	... Brewood	... 7	Scarlet Fever	58
Bertie Heath	... Brewood	... 9	Scarlet Fever	58
Annie Harrison	... Bushbury	... 10	Scarlet Fever	60
Percy Bill	... Brewood	... 2	Scarlet Fever	43
Vernon Clarke	... Penkridge	... 7	Scarlet Fever	48

Patients admitted in 1910 still in Hospital.

Name	Parish	Age	Disease
Lizzie Bill	... Brewood	... 21	Scarlet Fever
Hilda Whitehouse	... Brewood	... 3	Scarlet Fever
Jack Bill	... Brewood	... 11	Scarlet Fever
Hilda Brewer	... Bushbury	... 5	Scarlet Fever
Ethel Brotherton	... Brewood	... 6	Scarlet Fever
Henry Harper	... Brewood	... 9	Scarlet Fever
Henry Newman	... Brewood	... 2	Scarlet Fever

* Denotes fatal cases in Hospital.

Patients admitted in 1904, 28 ; in 1905, 37 ; in 1906, 63 ; in 1907, 56 ; in 1908, 93 ; in 1909, 54 ; in 1910, 34 ; total, 365 ; average per annum, 52. Scarlet Fever, 333 ; Diphtheria, 27 ; Scarlet Fever and Diphtheria, 4 ; Enteric Fever, 1 ; total, 365. Cases notified in 1910, 39 (Scarlet and Diphtheria cases) ; cases removed, 34.

Fatal cases in 7 years : Scarlet Fever, 4 ; Diphtheria, 5 ; Diphtheria and Scarlet Fever, 2 ; total, 11.

Locality of the 365 Cases for the 7 Years—

Bushbury ...	...	127	Shareshill ...	...	12
Essington ...	...	48	Penkridge ...	...	7
Brewood ...	...	55	Saredon ...	...	7
Cheslyn Hay ...	...	38	Lapley ...	...	3
Hatherton ...	...	21	Stretton ...	...	4
Huntington ...	...	18	Acton and Bednall ...	...	11
Teddesley ...	...	3	Coppenhall ...	...	1
Wyrley ...	...	10	Total ...	...	365

I would express my appreciation of the services of the Matron and Probationer, and my thanks to all the Sanitary Officials who have co-operated with me during the year.

Yours respectfully,

W. HOSEGOOD, M.B., Medical Superintendent.

Table I.—**VITAL STATISTICS OF WHOLE DISTRICT IN 1910 & PREVIOUS YEARS.** CANNOCK RURAL DISTRICT.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.						Total Deaths in Public Instita- tions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	Nett Deaths at all Ages belonging to District.	
		Number.	Rate.*	Under 1 Year of Age.		At all Ages.						Number.	Rate.*
				Number.	Rate per 1000 Births registered	Number.	Rate.*						
								3	4					5	6	7	8	9	10	11	12
1900	16415	543	33	65	119	249	15.16	...	...	...	...	...	...
1901	17857	548	30	64	116	244	15.5	...	...	...	...	...	...
1902	18125	509	33	69	115	237	13.07	...	...	...	...	...	...
1903	18645	616	33	55	89	202	10.85	...	...	...	...	...	...
1904	18950	531	28	64	120	244	12.87	...	...	...	...	...	...
1905	19140	538	28	53	98	221	11.50	...	...	...	...	...	...
1906	19360	505	26	47	93	198	10.2	1	7	205	10.58	...	...
1907	19550	506	25	41	81	211	10.79	4	11	222	11.25	...	...
1908	19675	546	27	59	108	241	12.24	1	7	248	12.50	...	...
1909	19820	508	25	42	82	241	12.15	2	8	249	12.56	...	...
Averages for Years 1906-1909	18,753	535	28	55	102	228	12.37	...	For 9 Years, 6.3	For 9 Years, 232.8	For 9 Years, 12.28	...	...
1910	20,115	506	25	43	84	215	10.68	2	17	232	11.53	...	...

*Rates in Columns 4, 8, and 12 are calculated per 1,000 of the estimated gross population.

NOTE. Institutions outside the District receiving sick and infirm persons from the District—General Hospital and Women's Hospital, Wolverhampton; Cottage Hospital, Walsall. Other Institutions, the deaths in which have been distributed among several localities in the District—Isolation Hospital, Cheslyn Hay (in the District).

The Workhouse is not situate within the District.

Area of District, in acres }
(exclusive of area } 51,418.
covered by water) }

Total Population at all Ages 17,857 }
Number of Inhabited Houses 3,750 } A Census of 1901.
Average Number of Persons per House 5 }

TABLE II.

CANNOCK RURAL DISTRICT.

Vital Statistics of Separate Localities in 1910 and previous years.

NAMES OF LOCALITIES	1.—CANNOCK (Sub-Registration District).				2.—BREWOOD (Sub-Registration District).			
	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births Registered.	Deaths at all Ages.	Deaths under 1 year.
YEAR.	A	B	C	D	A	B	C	D
1900 ...	6900	268	110	36	9515	275	139	29
1901 ...	7519	263	115	35	10338	285	129	29
1902 ...	7695	293	111	39	10430	306	131	30
1903 ...	8080	322	98	30	10535	294	107	25
1904 ...	8330	282	103	28	10620	249	146	36
1905 ...	8450	275	104	27	10690	263	122	26
1906 ...	8590	254	97	27	10770	251	108	20
1907 ...	8725	264	96	21	10825	242	126	20
1908 ...	8820	283	114	33	10855	263	134	26
1909 ...	8930	250	110	22	10890	258	139	20
Averages of Years 1900-1909	8203	275	105	29	10546	268	128	26
1910 ...	9190	*277	105	24	10925	229	†127	19

* Includes 6 deaths in Outside Hospitals.

† Includes 11 deaths in Outside Hospitals.

TABLE III.

CANNOCK RURAL DISTRICT.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1910.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.				NUMBER OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.		
	At all Ages.	AT AGES—YEARS						CANNOCK (S.R.D.)	BREWOOD (S.R.D.)	CANNOCK (S.R.D.)	BREWOOD (S.R.D.)	Total Cases Removed to Hospital.		
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and Upwards							
Diphtheria (including Membranous Group)	5	...	2	3	...	...	...	4	1	4	1	5
Erysipelas ...	22	...	3	1	2	10	6	15	7	...	...	...
Scarlet Fever ...	34	...	9	22	2	1	...	9	25	7	22	29		
Totals ...	61	...	14	26	4	11	6	28	33	11	23	34		

Workhouse is situate in the Cannock Urban District.

Isolation Hospital in Cheslyn Hay Parish (Cannock Rural District Council).

Total available beds, 20.

Number of Diseases that can be concurrently treated—3 (Enteric, Scarlet Fever, and Diphtheria).

TABLE IV. Causes of and Ages at Death during Year 1910.

CANNOCK RURAL DISTRICT.

CAUSES OF DEATH.	Deaths at Subjoined Ages of "Residents," whether occurring in or beyond the District.							Deaths at all ages of "Residents" belonging to Localities, whether occurring in or beyond District.		Total Deaths whether of "Residents" or "Non-residents" in Public Institutions in the District.
	All Ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	CANNOCK (S.R.D.)	BREWCOOB (S.R.D.)	
Measles ...	6	2	3	1	...	...	...	6	...	...
Whooping Cough ...	2	0	2	...	...	...	...	...	2	...
Diphtheria (including Membranous Group) ...	2	...	1	1	...	...	...	2	...	2
Diarrhoea ...	1	...	1	...	...	...	...	...	1	...
Enteritis ...	4	2	1	1	...	...	...	3	1	...
Erysipelas ...	1	...	...	...	...	1	...	...	1	...
Phthisis (Pulmonary Tuberculosis) ...	19	...	...	...	2	17	...	8	11	...
Other Tuberculous Diseases ...	5	2	1	2	...	...	...	3	2	...
Cancer (Malignant Disease) ...	20	...	...	...	...	12	...	6	14	...
Bronchitis ...	12	...	2	...	...	4	...	6	6	...
Pneumonia ...	16	1	4	1	1	6	...	8	8	...
Pleurisy ...	1	...	...	...	...	1	...	1	...	...
Other Diseases of Respiratory Organs ...	2	...	...	...	...	1	...	2	...	...
Veneral Diseases ...	1	1	...	...	...	...	...	1	...	...
Premature Birth... ..	11	11	...	...	...	...	...	4	7	...
Heart Diseases ...	18	1	...	...	...	8	...	6	12	...
Accidents ...	18	1	1	1	4	9	...	10	8	...
Suicides ...	4	...	...	...	...	3	...	2	2	...
Old Age ...	22	...	...	...	...	...	...	10	12	...
Brain Diseases ...	20	2	2	1	1	6	...	10	10	...
Kidney Diseases ...	7	...	...	...	...	4	...	2	5	...
Appendicitis ...	1	...	...	...	...	1	...	...	1	...
All Other Causes ...	39	21	2	6	6	1	...	15	24	...
All Causes ...	232	44	20	14	14	74	66	105	127	2

TABLE V.—Infantile Mortality during the Year 1910. CANNOCK RURAL DISTRICT.
Deaths from stated causes in Weeks and Months under One Year of Age (including one case outside the District).

CAUSE OF DEATH.	Under 1 Week.	1—2 Weeks.	2—3 Weeks.	3—4 Weeks.	Total under 1 Month.	1—2 Months.	2—3 Months.	3—4 Months.	4—5 Months.	5—6 Months.	6—7 Months.	7—8 Months.	8—9 Months.	9—10 Months.	10—11 Months.	11—12 Months.	Total Deaths under 1 year.
All Causes—Certified ...	15	2	...	3	20	4	3	2	1	2	6	2	1	2	...	...	43
Uncertified ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
(1) Common Infectious Diseases—																	
Measles ...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	2
(2) Diarrhoeal Diseases—Enteritis ...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
(3) Wasting Diseases—																	
Premature Birth ...	11	1	...	...	12	...	...	...	...	...	...	...	...	...	...	...	12
Congenital Defects ...	2	...	...	1	3	...	...	...	...	...	...	...	...	...	...	...	3
Want of Breast-milk ...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1
Atrophy, Debility, Marasmus ...	...	...	...	1	1	2	1	...	...	...	...	...	...	...	...	...	4
(4) Tuberculous Diseases—																	
Tuberculous Meningitis ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
Tabes Mesenterica ...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	3
Other Tuberculous Diseases... ..	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
(5) Other Causes—																	
Syphilis ...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
Meningitis (not Tuberculous) ...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	2
Convulsions ...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2
Pneumonia ...	...	...	...	...	...	1	...	...	...	1	1	...	1	1	...	...	3
Other causes ...	2	1	...	...	3	...	...	...	...	...	2	1	...	...	...	...	6
Totals ...	15	2	...	3	20	4	3	2	1	2	7	2	1	2	...	...	44

Population (estimated to middle of 1910) 20,115.
Deaths from all causes at all ages, 232 (17 outside District).
Births in the Year { Legitimate 485. Deaths from all causes at all ages, 232 (17 outside District).
{ Illegitimate 21. Deaths from all causes at all ages, 232 (17 outside District).
{ Legitimate Infants 39. Deaths from all causes at all ages, 232 (17 outside District).
{ Illegitimate Infants 5. Deaths from all causes at all ages, 232 (17 outside District).

Report of Inspector of Nuisances.

J. T. H. HALL, Cert. Royal San. Inst.

FOR THE YEAR ENDING 1910.

THE OAKLANDS,

BREWOD,

MARCH 8th, 1911.

*To the Chairman and Members of the Cannock Rural
District Council.*

GENTLEMEN,

I have the honour to submit to you my Report of the work carried out by me as Inspector of Nuisances, etc., to your Council during the year 1910.

Inspections—

I include a summary and particulars of the 3,131 inspections, re-inspections, and visits which have been made; of the 691 nuisances discovered, and also of the 1,347 nuisances which have been abated. Sixty-three preliminary notices were issued for the abatement of nuisances, and 332 letters were written with reference to these, and in reply to correspondents.

Water Supply—

Fifteen samples of water have been taken for analysis, and of these 13 were found to be polluted. Seven of the samples were taken from houses at Saredon; 5 of these showed some pollution. These wells were cleansed. Eight samples were taken from wells supplying 11 houses at Four Ashes, and were certified as being badly polluted. Notices were served upon the owners under the Public Health (Water) Act, 1878, for a proper supply of water to be provided, and this matter is receiving attention. Twenty-one applications were received for Water Certificates for newly erected houses, and 20 Certificates were granted under the Public Health (Water) Act, 1878.

Slaughter Houses—

Sixty-three visits have been made to the slaughter houses in the district, and they were found to be kept in a satisfactory manner. Two new licenses have been granted for the use and occupation of slaughter houses, and 10 licenses have been renewed.

Infectious Disease—

Thirty-eight cases of infectious disease, which were reported by the Medical Officer of Health, have been investigated. Twenty-nine written reports on these cases were sent to the Medical Officer of Health, and 22 notices were sent to the schools for the exclusion of children. Thirty-seven houses have been fumigated, and 34 lots of bedding and clothing were disinfected or destroyed.

Scavenging—

During the year I received 70 written complaints of ashpits, etc., requiring emptying—25 from the parish of Bushbury and 45 from Cheslyn Hay. Seventy-three notices have been issued to the Contractors to attend to these and others, amounting to 402 in Cheslyn Hay and 67 in Bushbury, and these have generally received immediate attention. As I now have a fortnightly return of the work done by the Contractors, I am able to give the exact number of receptacles emptied during the year, and the figures are: For Bushbury, 153 middens, 800 ashpits, 566 Rochdale pans, and 3,185 dust bins; and for Cheslyn Hay, 1,071 middens and ashpits, and 239 Rochdale pans; a total of 6,014 receptacles for the two parishes. It will thus be seen a good quantity of work has been done, and I am pleased to say that it is being satisfactorily carried out.

Meat Inspection—

During the year I made a seizure of diseased meat at the Scotlands, Bushbury, consisting of 4 quarters of beef, weighing about 400-lbs. The meat was in a very tuberculous condition, and the premises where it was in course of preparation for sale for human food, and where slaughtering was being carried on, were filthy beyond description. On the instructions of the Council, the person owning the meat was summoned before the Magistrates at the Wolverhampton Police Court, who fined him £20 and costs or two months for the diseased meat; £5 and costs or one month for slaughtering on unlicensed premises; and £1 and costs or 21 days for obstructing me in the execution of my duty. He was also bound over to keep the peace for 12 months for threatening to take the life of Mr. T. F. Pickering, whom I had called in to assist me. This man's assistant was also summoned, and fined 10s. and costs or 14 days for obstructing me. Both men were caught at Liverpool, and brought back and served their time in prison. On inspecting a carcase of a cow at Cheslyn Hay, I found the whole of the internal organs so generally affected with tubercles that I had no hesitation in condemning it, and the owner, who had called me in, voluntarily surrendered it, and took it for me to the knacker's yard, Cannock. The remainder of the meat inspected during the year in the different slaughter houses I found to be of excellent quality.

Drainage Work—

I have had 32 houses re-drained and connected to the sewers at Bushbury, and the privy middens have been abolished and 31 waste water closets and 2 closets with flushing cisterns provided in place thereof. The re-draining of 12 houses in Jones Road and one in Bushbury Lane are in progress, and when these are done there only remain 3 houses to be connected to the sewers. I have had 9 houses at Wheaton Aston re-drained and connected to the sewers, and 5 houses at Essington, and drainage work at 27 houses in Sneyd Road and Bursnip Road, Essington, is in progress. During the year 494 houses in Cheslyn Hay were drained and connected to the sewers. The

drains at 582 premises are now connected to the sewers, leaving only 41 houses still to be drained. Forty-seven water closets with flushing cisterns have been provided, and 17 waste water closets.

Petroleum Acts—

Forty-eight inspections have been made under the Petroleum Acts, and the premises found to be kept in a satisfactory manner. One new application for permission to store carbide of calcium and 2 for petrol were received, and these have been granted. Twenty-six applications for the renewal of licenses have been received, and these were also granted.

Workshops and Bakehouses—

Forty-seven inspections of workshops and bakehouses have been made, and they were found to be kept in a satisfactory manner, with the exception that 5 bakehouses required white-washing, and these have been done.

Canal Boats—

Details of inspections made under the Canal Boats Acts and the Dairies, Cowsheds, and Milkshops Order, 1885, are set out at the end of this report, and also a summary of work done as compiled for the Staffordshire County Council.

In conclusion, I desire to express my thanks to the Chairman and Members of the Council, the Medical Officer of Health, the Clerk, and the Surveyor, for their courtesy and assistance given to me during the year.—I am, Gentlemen, your obedient Servant,

J. T. H. HALL.

Complaints received and dealt with.

Sanitary Defects and other Nuisances	...	...	21
Requests to have Privies and Ashpits Emptied (Bushbury)			25
" " " " " (Cheslyn Hay)			45—70
<i>Summary of Sanitary Work done during the Year 1910.</i>			
Number of Houses Inspected	...	...	458
Number of Workshops and Bakehouses Inspected	...	...	47
Slaughter Houses Inspected	...	...	63
Cowsheds, Dairies, and Milkshops Inspected	...	...	159
Canal Boats Inspected	...	...	66
Meat and Food Inspected	...	...	50
Piggeries, Stables, etc., Visited	...	...	39
Ashpits, etc., visited	...	...	290
Ashpits reported for Cleansing	...	...	481
Samples of Water taken for Analysis	...	...	15
Cases of Infectious Disease Investigated	...	...	38
Houses Disinfected after Infectious Disease	...	...	37
Schools Disinfected after Infectious Disease	...	...	2
Inspections under the Petroleum Acts	...	...	48
Re-inspections, Calls, etc.	...	...	1171
Drainage Work Tested and Inspected	...	...	167

Notices to Schools	...	...	...	22
Reports on Infectious Cases to Medical Officer of Health	...	...	...	29
Letters Written	...	...	...	332
				— 483

Nature of Nuisances discovered.

The house or part of the house in a dirty condition	...	...	...	2
The house or part of the house in a damp condition	...	...	...	6
The house or part of the house in a dilapidated condition	...	...	...	9
The house unfit for habitation	...	...	...	4
The house being overcrowded	...	...	...	5
Privy midden or cesspit being a nuisance	...	...	...	20
Sinks being foul, improperly constructed, and drained	...	...	...	55
The drains being stopped or choked	...	...	...	12
The drains being defective	...	...	...	184
Premises without proper means of drainage	...	...	...	72
Rain water pipes being defective	...	...	...	8
Roofs of houses being defective	...	...	...	3
The floors of yards and closets being in an insanitary condition for want of proper paving	...	...	...	35
The outbuildings being dilapidated	...	...	...	13
The ashpits being foul or defective	...	...	...	122
Premises being without proper ash accommodation	...	...	...	4
Animals kept so as to be a nuisance	...	...	...	5
Pigstyes not drained	...	...	...	29
Accumulation of offensive matter	...	...	...	4
Urinals being improperly constructed, drained, or offensive	...	...	...	2
Premises with insufficient water supply	...	...	...	81
Rain water cisterns being foul	...	...	...	6
Water closets defective	...	...	...	2
Defective soil pipes	...	...	...	1
Miscellaneous	...	...	...	7
				— 691

Improvements made in compliance with notices served.

Drains {	Re-constructed	...	...	...	511
	Improved or repaired	...	...	...	98
Sinks provided or properly drained	...	...	...	...	115
Privy middens abolished	...	...	...	...	86
Privies repaired and re-constructed	...	...	...	...	19
Waste water closets provided	...	...	...	...	49
Waste closets provided	...	...	...	...	41
Ashbins provided	...	...	...	...	4
Ashpits provided and repaired	...	...	...	...	30
Ashpits abolished	...	...	...	...	1
Ashpits cleansed	...	...	...	...	6014
Urinals re-constructed	...	...	...	...	5
Yards and channels repaired and re-laid	...	...	...	...	97
Pigstyes drained	...	...	...	...	85

Houses	{	Overcrowding abated	...	...	4
		Cleansed or whitewashed	...	...	4
		Generally repaired	...	...	79
		Spouting provided	...	...	45
Wells cleansed	...	...	...	...	17
Water provided	...	...	...	...	23
Animals removed	...	...	...	...	5
Offensive matter removed	...	...	...	...	4
Miscellaneous	...	...	...	...	25
Total improvements					7361
Total premises improved					636

DAIRIES, COWSHEDS, & MILKSHOPS ORDER, 1885.

The following is a summary of the work carried out under this Order:—

Cowsheds, Dairies, and Milkshops Inspected	...	159
Registration of Cowkeepers, Dairymen, and Purveyors of Milk	...	27

Nature of Nuisances discovered.

Walls of Cowsheds in a dirty condition	...	5
Premises defectively drained	...	10
Paving in Cowsheds defective	...	7
Untrapped openings in Dairies	...	2
Premises with defective light and ventilation	...	7
		— 31

Improvements made in compliance with notices served.

Walls of Cowsheds cleansed and whitewashed	...	5
Light and ventilation provided	...	7
Floors and channels repaired and re-laid	...	5
Drainage improved or repaired	...	8
Buildings generally repaired	...	12
		— 27

Cannock Rural District Council.

CANAL BOATS ACTS, 1877—1884.

REPORT FOR YEAR ENDING DECEMBER 31st, 1910.

During the year 1910, sixty-six Canal Boats have been inspected, compared with thirty-four last year.

The following infringements were found:—

Certificates of Registration not produced...	2
Boats not properly marked	2
No water vessel on boat	1
Cabins requiring repairs	4
Cabins requiring painting	3
Boat not registered	1—13

The boats were occupied by 187 persons—109 men, 36 women, and 42 children—the registration accommodation being for 227.

The occupants work out at 2·83 persons per boat, against 3·08 last year. The proportion of women and children per boat is 1·18, against 1·5 for last year, thus shewing a slight decrease.

Seven complaint notes and five letters were sent to owners *re* contraventions of the Acts, and all the requirements have been complied with, thus rendering it unnecessary for any legal proceedings to be taken.

No case of infectious disease occurred on board, and therefore it was not necessary to detain any boat for cleansing or disinfection.

I found during my inspections that the boats were generally clean, ventilated and free from overcrowding, and I received every courtesy from the occupiers.

Owen J. Llewellyn, Esq., H.M. Chief Inspector of Canal Boats, visited the district on the 16th August, and examined my inspection books, and found them satisfactory.

The Oaklands,
Brewood.

J. T. H. HALL,
Canal Boat Inspector.

Summary of Sanitary Work done in the Nuisance Inspector's Department during the Year 1910
in the Rural District of Cannock as compiled for the Staffordshire County Council.

	Number of		Informal Abatement Notices by Inspector.	Nuisances Abated after Notice by Inspector.
	Inspections and Observations made.	Defects Found.		
Dwelling Houses { Foul Conditions and Schools { Structural Defects ... Overcrowding ... Unfit for Habitation ...	811 4	94 80 5 4		311 177 4 4 closed
Dairies and Milkshops ...	159	31		27
Cowsheds ...	47	5		5
Bakehouses and Workshops ...	63	1		1
Slaughter-houses ...	66	13		13
Canal Boats ...	290	121		6014
Ashpits and Privies Emptied ...	4	4		4
Deposits of Refuse and Manure ...	...	2		90
Water Closets Fixed ...	...	256		511 new drains
House Drainage { Defective Drains No Disconnection Other Faults	767	...	63 Preliminary Notices Issued for Nuisances at 181 Premises.	98 drains improved
Water Supply ...	109	81		40
Pigsties Drained ...	39	29		85
Animals Improperly Kept ...	...	5		5
Other Nuisances ...	...	7		25
Totals	2359	782	63	7414

Samples of Water taken for Analysis, 15; Samples of Water Condemned as Unfit for Use, 13.
 Precautions against Infectious Disease:
 Lots of Infected Bedding Disinfected or Destroyed, 31; Houses Disinfected after Infectious Disease, 37; Schools, ditto, 2.

Unwholesome Food: Number of Seizures, 2; Condemned by Magistrate, 1; Prosecutions for Exposing for Sale, 1;
 Convictions for Exposing for Sale, 1.

Signed, J. T. H. HALL, Inspector of Nuisances. Mar. 8, 1911.

